



#3

SEQUENCE LISTING

<110> LIU, Qiang

<120> POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
TRIPLETS BY ZINC FINGERS

<130> 8325-0011.20 / S11-US2

<140> 09/989,994

<141> 2001-11-20

<160> 4085

<170> PatentIn Ver. 2.0

<210> 1

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: exemplary motif

<220>

<221> MOD\_RES

<222> (2)..(5)

<223> this region may encompass two to four residues  
consisting of any amino acid

<220>

<221> MOD\_RES

<222> (7)..(18)

<223> any amino acid

<220>

<221> MOD\_RES

<222> (20)..(24)

<223> this region may encompass three to five residues  
consisting of any amino acid

<400> 1

Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa His Xaa Xaa Xaa Xaa His  
20 25

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 2

Thr Gly Glu Lys Pro  
1 5

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 3

Gly Gly Gly Gly Ser  
1 5

<210> 4

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 4

Gly Gly Arg Arg Gly Gly Gly Ser  
1 5

<210> 5

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 5

Leu Arg Gln Arg Asp Gly Glu Arg Pro  
1 5

<210> 6

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 6

Leu Arg Gln Lys Asp Gly Gly Gly Ser Glu Arg Pro

1 5 10

<210> 7  
<211> 16  
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<220>  
<223> Description of Artificial Sequence: peptide linker

<400> 7  
Leu Arg Gln Lys Asp Gly Gly Gly Ser Gly Gly Gly Ser Glu Arg Pro  
1 5 10 15

<210> 8  
<211> 25  
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<220>  
<223> Description of Artificial Sequence: exemplary motif

<220>  
<221> MOD\_RES  
<222> (2)..(5)  
<223> this region may encompass two to four residues  
consisting of any amino acid

<220>  
<221> MOD\_RES  
<222> (7)..(18)  
<223> any amino acid

<220>  
<221> MOD\_RES  
<222> (20)..(24)  
<223> this region may encompass three to five residues  
consisting of any amino acid

<400> 8  
Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His  
20 25

<210> 9  
<211> 30  
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<220>

<223> Description of Artificial Sequence: mouse transcription factor Zif268

<400> 9

Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser Asp  
1 5 10 15

Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro  
20 25 30

<210> 10

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mouse transcription factor Zif268

<400> 10

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu  
1 5 10 15

Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro  
20 25

<210> 11

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mouse transcription factor Zif268

<400> 11

Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg  
1 5 10 15

Lys Arg His Thr Lys Ile His Leu Arg Gln Lys  
20 25

<210> 12

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: target DNA

<400> 12

gcgtgggcg

9

<210> 13  
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transcription factor

<400> 13  
Pro Gly Lys Lys Lys Gln His Ile Cys His Ile Gln Gly Cys Gly Lys  
1 5 10 15  
Val Tyr Gly Lys Thr Ser His Leu Arg Ala His Leu Arg Trp His Thr  
20 25 30  
Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly Lys Arg Phe  
35 40 45  
Thr Arg Ser Asp Glu Leu Gln Arg His Lys Arg Thr His Thr Gly Glu  
50 55 60  
Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met Arg Ser Asp  
65 70 75 80  
His Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly  
85 90

<210> 14  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: target DNA

<400> 14  
ggggcgggg

9

<210> 15  
<211> 100  
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<220>  
<223> Description of Artificial Sequence: Sp-1 consensus  
sequence

<400> 15  
Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln  
1 5 10 15

His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Lys Ser Ser His Leu  
                   20                                  25                                  30  
 Arg Ala His Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Lys Cys Pro  
                   35                                  40                                  45  
 Glu Cys Gly Lys Ser Phe Ser Arg Ser Asp Glu Leu Gln Arg His Gln  
                   50                                  55                                  60  
 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys  
                   65                                  70                                  75                                  80  
 Ser Phe Ser Arg Ser Asp His Leu Ser Lys His Gln Arg Thr His Gln  
                                   85                                  90                                  95  
 Asn Lys Lys Gly  
                   100

<210> 16  
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<220>  
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<400> 16  
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<210> 17  
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<220>  
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<400> 17  
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9

<210> 18  
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<400> 18  
gcggggggcg 9

<210> 19  
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<400> 19  
gcggaggcg 9

<210> 20  
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<400> 20  
gcggccgcg 9

<210> 21  
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<400> 21  
ggatggggg 9

<210> 22  
<211> 9  
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<400> 22  
gcgggggtcc 9

<210> 23  
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<220>  
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<400> 23  
gcgggcggg

9

<210> 24  
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<220>  
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<400> 24  
gcagaggag

9

<210> 25  
<211> 9  
<212> DNA  
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<220>  
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<400> 25  
gaggtggcc

9

<210> 26  
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<400> 26  
gcgggggct

9

<210> 27  
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<212> DNA  
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gcgggggct 9

<210> 28  
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<400> 28  
gtggctgcc 9

<210> 29  
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gtggctgcc 9

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<400> 30  
ggggccggg 9

<210> 31  
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<400> 31  
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<210> 32  
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<400> 32  
 gcaggggcc 9

<210> 33  
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<220>  
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<400> 33  
 tgcggggcaa 10

<210> 34  
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<220>  
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<210> 35  
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tgcggggcaa 10

<210> 36  
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tgcggggcaa 10

<210> 37  
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tgcggggcaa 10

<210> 38  
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tgcggggcaa 10

<210> 39  
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<220>  
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tgcggggcaa 10

<210> 40  
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<210> 41  
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<400> 41  
tgcggggcaa 10

<210> 42  
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tgcggggcaa 10

<210> 43  
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<220>  
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tgcggggcaa 10

<210> 44  
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 tgcggggcaa 10  
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 ggggggcggg 9  
 <210> 46  
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 <400> 46  
 gagggggcgg 9  
 <210> 47  
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 gtagttgtg 9  
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 gtagttgtg 9

<210> 49  
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 gtagttgtg 9

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 gtagttgtg 9

<210> 51  
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 gtagttgtg 9

<210> 52  
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<210> 57  
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DNA

<400> 57  
gtagttgtg

9

<210> 58  
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DNA

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gtagttgtg

9

<210> 59  
<211> 9  
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<400> 59  
gatgctgag

9

<210> 60  
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<400> 60  
gatgctgag

9

<210> 61  
<211> 9



<212> DNA	
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<210> 63	
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<400> 63 gaagatgac	9
<210> 64	
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<210> 65	
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 gatgacgac 9

<210> 66  
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<400> 66  
 gacgacggc 9

<210> 67  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 67  
 gacgacggc 9

<210> 68  
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<220>  
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<400> 68  
 gacgacggc 9

<210> 69  
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<220>  
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<400> 69  
gacggcgta

9

<210> 70  
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DNA

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gacggcgta

9

<210> 71  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 71  
gacggcgta

9

<210> 72  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 72  
gacggcgta

9

<210> 73  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 73  
gagggggcg

9

<210> 74  
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 <400> 74  
 gccgaggtgc 10  
  
 <210> 75  
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 ggtggagtca 10  
  
 <210> 76  
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 <400> 76  
 gtcgcagtga 10  
  
 <210> 77  
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 <400> 77  
 gacttggtgc 10  
  
 <210> 78

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<400> 79 gagtactgta	10
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<220>  
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<400> 82  
 caggctgcgc 10

<210> 83  
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 <223> Description of Artificial Sequence: example target  
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<400> 83  
 caggctgcgc 10

<210> 84  
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<400> 84  
 caggctgcgc 10

<210> 85  
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<400> 85  
 gaagaggtct 10

<210> 86  
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<220>  
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 DNA

<400> 86  
gaggtctgga 10

<210> 87  
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<220>  
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DNA

<400> 87  
ggagaggatg 10

<210> 88  
<211> 10  
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<220>  
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DNA

<400> 88  
ggagaggatg 10

<210> 89  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 89  
ggagaggatg 10

<210> 90  
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<220>  
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DNA

<400> 90  
gtggcggacc 10

<210> 91  
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<220>  
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DNA

<400> 91  
gtggcggacc 10

<210> 92  
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<400> 92  
gagggcgaag 10

<210> 93  
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<220>  
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DNA

<400> 93  
gagggcgaag 10

<210> 94  
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<400> 94  
ggagaggttt 10

<210> 95



<211> 10  
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 <210> 96  
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 <210> 97  
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         DNA  
  
 <400> 97  
 tagggggtgg 10  
  
  
 <210> 98  
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 gccgaggtgc 10  
  
  
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<400> 99  
 gccgaggtgc 10

<210> 100  
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<220>  
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<400> 100  
 gccgaggtgc 10

<210> 101  
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<220>  
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<400> 101  
 gcgggcgggc 10

<210> 102  
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<400> 102  
 gagtgtgtga 10

<210> 103  
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DNA

<400> 103  
gagtgtgtga 10

<210> 104  
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<400> 104  
gagtgtgtga 10

<210> 105  
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<400> 105  
gagtgtgtga 10

<210> 106  
<211> 10  
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DNA

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9

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9

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 <210> 567  
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     DNA  
  
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 <210> 568  
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     DNA

<400> 568  
gtggcagcgg 10

<210> 569  
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<220>  
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DNA

<400> 569  
gcgggagcag 10

<210> 570  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 570  
gcgggagcag 10

<210> 571  
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DNA

<400> 571  
tcagtgtgg 10

<210> 572  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 572  
gcggccgca 9



<210> 573  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 573  
gcggccgca

9

<210> 574  
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<220>  
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DNA

<400> 574  
gcggccgca

9

<210> 575  
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<220>  
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DNA

<400> 575  
gcggccgca

9

<210> 576  
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<220>  
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DNA

<400> 576  
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9

<210> 577  
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<220>

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DNA

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9

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<220>

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DNA

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9

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<223> Description of Artificial Sequence: example target  
DNA

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9

<210> 580  
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<220>

<223> Description of Artificial Sequence: example target  
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9

<210> 581  
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<210> 582  
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<220>  
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 DNA

<400> 582  
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<210> 583  
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<220>  
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 DNA

<400> 583  
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<210> 584  
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<220>  
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 DNA

<400> 584  
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<210> 585  
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<220>  
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 DNA

<400> 585  
gccgaggaga

10

<210> 586  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 586  
ggtggtggc

9

<210> 587  
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<220>  
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DNA

<400> 587  
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9

<210> 588  
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DNA

<400> 588  
gaagaggca

9

<210> 589  
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DNA

<400> 589  
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9

<210> 590  
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<220>  
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DNA

<400> 590  
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9

<210> 591  
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<220>  
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DNA

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9

<210> 592  
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<220>  
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DNA

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ggggtggga

9

<210> 593  
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<220>  
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DNA

<400> 593  
gaggtagagg

10

<210> 594

<211> 10  
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<220>  
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DNA

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<210> 595  
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<220>  
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DNA

<400> 595  
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<210> 596  
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<220>  
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DNA

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<210> 597  
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DNA

<400> 597  
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<400> 598  
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<210> 599  
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     DNA

<400> 599  
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<210> 600  
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<220>  
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     DNA

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<210> 601  
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<220>  
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     DNA

<400> 601  
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<210> 602  
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<210> 607  
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<220>  
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DNA

<400> 607  
gcagcagga

9

<210> 608  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 608  
gatgaggca

9

<210> 609  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 609  
ggggaggatc

10

<210> 610  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 610  
ggggaggatc

10

<210> 611

<211> 10  
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<220>  
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 DNA

<400> 611  
 gaggcttggg 10

<210> 612  
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<220>  
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 DNA

<400> 612  
 gcggaggctt 10

<210> 613  
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<220>  
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 DNA

<400> 613  
 gcggaggctt 10

<210> 614  
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<220>  
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 DNA

<400> 614  
 gcggaggctt 10

<210> 615  
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<220>  
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 DNA

<400> 615  
 gcggaggctt 10

<210> 616  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 616  
 gcagccggg 9

<210> 617  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 617  
 gcagaggctt 10

<210> 618  
 <211> 10  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 618  
 tgggcaggcc 10

<210> 619  
 <211> 9  
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<220>  
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DNA		
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ggggaggat		
<210> 620		
<211> 10		
<212> DNA		
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<220>		
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DNA		
<400> 620		10
ggggaaggct		
<210> 621		
<211> 10		
<212> DNA		
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<220>		
<223> Description of Artificial Sequence: example target		
DNA		
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gtgtgtgtgt		
<210> 622		
<211> 10		
<212> DNA		
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<220>		
<223> Description of Artificial Sequence: example target		
DNA		
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gcatacgtgg		
<210> 623		
<211> 9		
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<223> Description of Artificial Sequence: example target		
DNA		
<400> 623		

gcatacgtg

9

<210> 624

<211> 10

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 624

tacgtggggt

10

<210> 625

<211> 10

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 625

tacgtgggct

10

<210> 626

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 626

gagggtgttg

10

<210> 627

<211> 10

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 627

ggagcgggga

10

<210> 628

<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 628  
gggggttgagg 10

<210> 629  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 629  
ggtgttggag 10

<210> 630  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 630  
tacgtgggtt 10

<210> 631  
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<220>  
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DNA

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gtaggggttg 10

<210> 632  
<211> 10  
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 DNA

<400> 632  
 gaaggcggag 10

<210> 633  
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<220>  
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 DNA

<400> 633  
 gaaggcggag 10

<210> 634  
 <211> 10  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 634  
 gggggttacg 10

<210> 635  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 635  
 gggggggggg 10

<210> 636  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target

DNA

<400> 636  
ggagtatgct 10

<210> 637  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 637  
tggttggtat 10

<210> 638  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 638  
tggttggta 9

<210> 639  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 639  
tggttggta 9

<210> 640  
<211> 9  
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<220>  
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DNA

<400> 640



tggttgga

9

<210> 641

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 641

gagtcgga

9

<210> 642

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 642

gagtcgga

9

<210> 643

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 643

gagtcgga

9

<210> 644

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 644

gagtcgga

9

<210> 645  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 645  
ggggaggatc

10

<210> 646  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 646  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 647  
<211> 7  
<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

<400> 647  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 648  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 648  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 649  
<211> 7  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 649

Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 650

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 650

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 651

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 651

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 652

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 652

Gln Arg Ala Ser Leu Ala Ser  
1 5

<210> 653

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 653  
Gln Arg Ala Ser Leu Ala Ser  
1 5

<210> 654  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 654  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 655  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 656  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 656  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 657  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 657  
Asn Arg Asp Thr Leu Ala Arg

1

5

<210> 658

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 658

Gln Arg Ala His Leu Ala Arg

1

5

<210> 659

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 659

Gln Arg Ala His Leu Ala Arg

1

5

<210> 660

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 660

Asn Arg Asp His Leu Met Val

1

5

<210> 661

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 661

Asn Arg Asp His Leu Thr Thr

1

5

<210> 662  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 662  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 663  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 663  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 664  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 664  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 665  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 665  
Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 666  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 666

Glu Arg Ser Asn Leu Arg Thr  
1 5

<210> 667

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 667

Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 668

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 668

Glu Arg Ser Asn Leu Arg Thr  
1 5

<210> 669

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 669

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 670

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 670  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 671  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 671  
Arg Gly Asp Ala Leu Thr Val  
1 5

<210> 672  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 672  
Arg Gly Asp Ala Leu Thr Met  
1 5

<210> 673  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 673  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 674  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 674  
Arg Gly Asp Ala Leu Thr Val



1                      5  
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 <211> 7  
 <212> PRT  
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 <223> Description of Artificial Sequence: example ZFP  
  
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   1                      5  
  
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   1                      5  
  
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 Arg Ser Asp Ala Leu Thr Arg  
   1                      5  
  
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   1                      5  
  
 <210> 679

<211> 7  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 679

Arg Ser Asp His Leu Ala Arg  
1 5

<210> 680

<211> 7

<212> PRT

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<210> 707

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<210> 773  
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Gln Ser Gly Ser Leu Thr Arg

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&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 782

Arg Ser Asp Ala Leu Thr Arg

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&lt;210&gt; 783

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 783

Gln Ser Gly Ser Leu Thr Arg

1

5

&lt;210&gt; 784

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 784

Gln Ser Gly Ser Leu Thr Arg

1

5

&lt;210&gt; 785

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

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&lt;400&gt; 785

Gln Ser Gly Ser Leu Thr Arg

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<210> 815  
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<210> 816  
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<210> 830

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<210> 842  
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<210> 843  
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<210> 845  
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<210> 847  
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<210> 848  
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<210> 849  
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<210> 850  
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<210> 851  
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<210> 852  
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<210> 855

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<210> 856

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<212> PRT

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<210> 857

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<223> Description of Artificial Sequence: example ZFP

<400> 857

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<210> 858

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<400> 858

Asp Arg Ser Ala Leu Ala Arg

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<210> 859

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<210> 860

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Arg Ser Asp Ala Leu Ala Arg

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<210> 861

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<223> Description of Artificial Sequence: example ZFP

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<210> 862

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<210> 878  
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<210> 879  
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<210> 880  
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<400> 886  
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<210> 887  
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<400> 887  
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<210> 888  
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Gln Ser Ser His Leu Ala Arg  
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<210> 970  
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<210> 977

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Asp Ser, Ala His Leu Gln Arg  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Asp Lys Ser His Leu Thr Arg  
1 5

<210> 1043  
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<210> 1046  
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<210> 1048  
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<210> 1049  
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<210> 1051  
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Arg Ser Asp Glu Leu Arg Thr  
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<210> 1052

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<223> Description of Artificial Sequence: example ZFP

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Arg Leu Asp Gly Leu Arg Thr  
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<210> 1053

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<223> Description of Artificial Sequence: example ZFP

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Arg Gln Asp Thr Leu Val Gly  
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<210> 1054

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<223> Description of Artificial Sequence: example ZFP

<400> 1054

Arg Ser Asp Glu Leu Arg Thr  
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<210> 1055

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Gln Arg  
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<220>  
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<210> 1057  
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<210> 1058  
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<210> 1059  
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<210> 1060

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ser Arg

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<210> 1061

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ser Arg

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Arg Ser Asp Asn Leu Ala Arg

1

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<210> 1063

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Arg Ser Asp Asn Leu Ala Ser

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<210> 1069  
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<210> 1070  
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Arg Ser Asp His Leu Thr Thr  
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<210> 1080  
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<223> Description of Artificial Sequence: example ZFP

<400> 1085

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<210> 1086

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1086

Asn Arg Ser His Leu Ala Arg  
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<210> 1087

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<223> Description of Artificial Sequence: example ZFP

<400> 1087

Gln Ala Ser His Leu Ala Arg  
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<210> 1088

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<223> Description of Artificial Sequence: example ZFP

<400> 1088

Gln Arg Gly Ala Leu Ala Arg  
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<210> 1089

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<223> Description of Artificial Sequence: example ZFP

<400> 1089

Arg Ser Asp His Leu Ser Arg

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<210> 1090

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg

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<210> 1091

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg

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<210> 1092

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Ala Arg

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<210> 1093

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Gln Ser Gly Ser Leu Thr Arg

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Asn Leu Thr Arg  
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<210> 1099

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Asn Leu Arg Arg  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg  
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<210> 1101

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<223> Description of Artificial Sequence: example ZFP

<400> 1101

Arg Ser Asp Glu Arg Lys Arg  
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<210> 1102

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg  
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<400> 1103  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1104  
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<400> 1104  
Arg Ser Asp Glu Arg Lys Arg  
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Gln Ser Ala Asp Leu Ala Arg  
1 5

<210> 1107  
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Gln Ser Gly Ser Leu Thr Arg  
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<210> 1108  
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Arg Ser Asp Glu Arg Lys Arg  
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Ser Arg Asp His Leu Gln Ser  
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1 5

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Gln Ser Gly Ser Leu Thr Arg  
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<223> Description of Artificial Sequence: example ZFP

<400> 1112

Gln Ser Gly Ser Leu Thr Arg  
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<210> 1113

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<210> 1138

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Thr Arg

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Ser Leu Thr Arg

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<400> 1197

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<210> 1198

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Asp Arg Ser His Leu Gln Thr  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Ala Arg

1 5

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Arg Ser Asp His Leu Ser Arg

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<400> 1219  
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<400> 1220  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1224  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1225  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1225  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1226  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1226  
Arg Ser Ser Asn Leu Ser Arg  
1 5

<210> 1227  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1227  
Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1228  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1228  
Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1229  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1229  
Arg Ser Ala Asp Leu Ser Arg  
1 5

<210> 1230  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1230  
Arg Ser Asp Asp Leu Arg Arg  
1 5

<210> 1231  
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 <212> PRT  
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 <223> Description of Artificial Sequence: example ZFP  
  
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   1                  5  
  
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 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1232  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5  
  
 <210> 1233  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1233  
 Arg Ser Asp His Leu Thr Thr  
   1                  5  
  
 <210> 1234  
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 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1234  
 Arg Ser Asp His Leu Ser Arg  
   1                  5  
  
 <210> 1235  
 <211> 7  
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1235

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1236

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1236

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 1237

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1237

Gln Ser Asp Asp Leu Thr Arg  
1 5

<210> 1238

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1238

Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1239

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1239

Asp Lys Gly Asn Leu Gln Thr  
1 5

<210> 1240

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1240

Asp Lys Gly Asn Leu Gln Thr  
1 5

<210> 1241

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1241

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1242

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1242

Gln Ser Asp His Leu Thr Arg  
1 5

<210> 1243

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1243

Thr Ser Gly His Leu Thr Arg

1

5

<210> 1244

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1244

Thr Ser Gly His Leu Thr Arg

1

5

<210> 1245

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1245

Asp Lys Gly Asn Leu Gln Thr

1

5

<210> 1246

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1246

Gln Ser Ala Ser Leu Thr Arg

1

5

<210> 1247

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1247

Gln Ser Gly Asn Leu Thr Arg

1

5

<210> 1248  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1248  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1249  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1249  
Arg Ser Asp His Leu Ser Lys  
1 5

<210> 1250  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1250  
Arg Ser Asp His Leu Ser Lys  
1 5

<210> 1251  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1251  
Gln Ser Asp His Leu Thr Arg  
1 5

<210> 1252  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1252  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1253  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1253  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1254  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1254  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1255  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1255  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1256  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 1256  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1257  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1257  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1258  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1258  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1259  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1259  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1260  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1260  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1261  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1261  
gaggaggtga 10

<210> 1262  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1262  
gcggaggacc 10

<210> 1263  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1263  
gaggaggtga 10

<210> 1264  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1264  
gaggaggtga 10

<210> 1265  
<211> 10

<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1265  
gcggaggcgc

10

<210> 1266  
<211> 10  
<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1266  
gcggaggacc

10

<210> 1267  
<211> 10  
<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1267  
gacgtggagg

10

<210> 1268  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1268  
aaggagtcgc

10

<210> 1269  
<211> 10  
<212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1269  
 gtggaggcca 10

<210> 1270  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1270  
 atggattcag 10

<210> 1271  
 <211> 10  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1271  
 gggggagctg 10

<210> 1272  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1272  
 gggggagctg 10

<210> 1273  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1273  
gaggtgggct 10

<210> 1274  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1274  
tcagtgggtat 10

<210> 1275  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1275  
atggattcag 10

<210> 1276  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1276  
tcagtgggtat 10

<210> 1277  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1277  
gcgggcgggc 10

<210> 1278  
 <211> 10  
 <212> DNA  
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 <220>  
 <223> Description of Artificial Sequence: example target  
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 <400> 1278  
 caggctgtgg 10  
  
 <210> 1279  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 1279  
 gcagaggctg 10  
  
 <210> 1280  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 1280  
 tcagtggat 10  
  
 <210> 1281  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 1281  
 tcagtggat 10  
  
 <210> 1282  
 <211> 10

<212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1282  
 tcggacgtgg 10  
  
  
 <210> 1283  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1283  
 ggggaggccc 10  
  
 <210> 1284  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1284  
 gcggcgtcgg 10  
  
  
 <210> 1285  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1285  
 ggggccctgg 10  
  
  
 <210> 1286  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>

<223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1286  
 gaatgggcag 10

<210> 1287  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1287  
 gcgggtgtct 10

<210> 1288  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1288  
 ggggaggccc 10

<210> 1289  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1289  
 agagcggcac 10

<210> 1290  
 <211> 10  
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<220>  
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<400> 1290 gagtcggacg	10
<210> 1291 <211> 10 <212> DNA <213> Artificial Sequence	
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<400> 1291 gcagcggctc	10
<210> 1292 <211> 10 <212> DNA <213> Artificial Sequence	
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<400> 1292 tcggacgagt	10
<210> 1293 <211> 10 <212> DNA <213> Artificial Sequence	
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<400> 1293 gagatggatc	10
<210> 1294 <211> 10 <212> DNA <213> Artificial Sequence	
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<400> 1294 gcagcggctc	10

<210> 1295	
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gacgagtcgg	10
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gctgcaggag	10
<210> 1297	
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gagatggatc	10
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DNA	
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agagcggcac	10
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<212> DNA  
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<220>  
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DNA

<400> 1299  
gcgggggtccg 10

<210> 1300  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1300  
agagcggcac 10

<210> 1301  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1301  
gactaggacc 10

<210> 1302  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1302  
gctgcaggag 10

<210> 1303  
<211> 10  
<212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1303  
 tagggagcgt 10

<210> 1304  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1304  
 tagggagcgt 10

<210> 1305  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1305  
 gaatgggcag 10

<210> 1306  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1306  
 gactaggacc 10

<210> 1307  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1307  
ggggccctgg

10

<210> 1308  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1308  
gcagaggctg

10

<210> 1309  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1309  
gcagcggtag

10

<210> 1310  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1310  
gccgaggccg

10

<210> 1311  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1311  
gccgaggccg

10

<210> 1312  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1312  
gcagcggtag 10

<210> 1313  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1313  
gcagaggctg 10

<210> 1314  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1314  
ggggccctgg 10

<210> 1315  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1315  
gagtgtgagg 10

<210> 1316  
<211> 10

<212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
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 <400> 1316  
 ttggcagcct 10  
  
  
 <210> 1317  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1317  
 gggggagctg 10  
  
  
 <210> 1318  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1318  
 ttggcagcct 10  
  
  
 <210> 1319  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
         DNA  
  
 <400> 1319  
 gactaggacc 10  
  
  
 <210> 1320  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1320  
 gagatggatc 10

<210> 1321  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1321  
 gctgcaggag 10

<210> 1322  
 <211> 10  
 <212> DNA  
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<220>  
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     DNA

<400> 1322  
 gcagcggtag 10

<210> 1323  
 <211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 1323  
 gagtgtgagg 10

<210> 1324  
 <211> 10  
 <212> DNA  
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<220>  
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     DNA



<400> 1324  
gagtgtgagg 10

<210> 1325  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1325  
ggagagtcgg 10

<210> 1326  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1326  
ggagagtcgg 10

<210> 1327  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1327  
gctgcaggag 10

<210> 1328  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1328  
gagatggatc 10

<210> 1329  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1329  
aagtaggggtg 10

<210> 1330  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1330  
acggtagtta 10

<210> 1331  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1331  
acggtagtta 10

<210> 1332  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1332  
gtgtgctggt 10

<210> 1333

<211> 10  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1333  
 gtgtgctggt 10

<210> 1334  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1334  
 gtgtgctggt 10

<210> 1335  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1335  
 gtgtgctggt 10

<210> 1336  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
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<210> 1338  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1353  
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<210> 1354  
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<210> 1359  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1360  
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<223> Description of Artificial Sequence: example ZFP

<400> 1360  
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<400> 1361  
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<210> 1362  
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<400> 1362  
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<210> 1363  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1365  
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<210> 1366  
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<210> 1368  
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<210> 1369  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1369  
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<210> 1371  
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<223> Description of Artificial Sequence: example ZFP

<400> 1371

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<210> 1372

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<223> Description of Artificial Sequence: example ZFP

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<210> 1373

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<223> Description of Artificial Sequence: example ZFP

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<210> 1374

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<223> Description of Artificial Sequence: example ZFP

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<210> 1375

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Gln Thr Gly Ser Leu Thr Arg

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<223> Description of Artificial Sequence: example ZFP

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<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 1378

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Asn Leu Gln Arg

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<210> 1380

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<223> Description of Artificial Sequence: example ZFP

<400> 1381  
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<210> 1382  
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<223> Description of Artificial Sequence: example ZFP

<400> 1382  
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<210> 1383  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1383  
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<210> 1384  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1384  
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<210> 1385  
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<400> 1385  
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<223> Description of Artificial Sequence: example ZFP

<400> 1386  
Gln Thr Gly Ser Leu Thr Arg  
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<210> 1387  
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<223> Description of Artificial Sequence: example ZFP

<400> 1387  
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1 5

<210> 1388  
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<223> Description of Artificial Sequence: example ZFP

<400> 1388  
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<210> 1389  
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<223> Description of Artificial Sequence: example ZFP

<400> 1389  
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<210> 1390  
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<223> Description of Artificial Sequence: example ZFP

<400> 1390  
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<210> 1391  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1391  
Gln Ser Gly Ser Leu Thr Arg  
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<210> 1392  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1392  
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<210> 1393  
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<223> Description of Artificial Sequence: example ZFP

<400> 1393  
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<210> 1394  
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<220>  
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<400> 1394  
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<210> 1395  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1395  
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<210> 1396  
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<223> Description of Artificial Sequence: example ZFP

<400> 1396  
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<210> 1397  
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<210> 1398  
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<210> 1399  
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<210> 1400  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1402

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<223> Description of Artificial Sequence: example ZFP

<400> 1402

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<210> 1403

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1403

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<210> 1404

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1404

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<210> 1405

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<223> Description of Artificial Sequence: example ZFP

<400> 1405

Glu Lys Ala Asn Leu Thr Arg  
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<210> 1406

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1406

Gln Ser Ser Asn Leu Gln Arg  
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<210> 1407

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1407

Gln Ser Gly His Leu Ala Arg  
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<210> 1408

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<223> Description of Artificial Sequence: example ZFP

<400> 1408

Gln Arg Ser Ala Leu Ala Arg  
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<210> 1409

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<223> Description of Artificial Sequence: example ZFP

<400> 1409

Arg Ser Asp Asn Leu Ala Arg  
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<210> 1410  
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<223> Description of Artificial Sequence: example ZFP

<400> 1410  
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<210> 1411  
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<223> Description of Artificial Sequence: example ZFP

<400> 1411  
Arg Ser Asp Glu Leu Arg Thr  
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<210> 1412  
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<223> Description of Artificial Sequence: example ZFP

<400> 1412  
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<210> 1413  
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<223> Description of Artificial Sequence: example ZFP

<400> 1413  
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<210> 1414  
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<223> Description of Artificial Sequence: example ZFP

<400> 1414  
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<210> 1415  
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<223> Description of Artificial Sequence: example ZFP

<400> 1415  
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<210> 1416  
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<400> 1416  
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<210> 1417  
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<223> Description of Artificial Sequence: example ZFP

<400> 1417  
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<210> 1418  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1418  
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<210> 1419  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1419  
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<210> 1420  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1420  
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<210> 1421  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1421  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 1422  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1422  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1423  
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<223> Description of Artificial Sequence: example ZFP

<400> 1423  
Gln Ser Gly Ser Leu Thr Thr  
1 5

<210> 1424  
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<223> Description of Artificial Sequence: example ZFP

<400> 1424  
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1 5

<210> 1425  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1425  
Thr Ser Gly His Leu Val Arg  
1 5

<210> 1426  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1426  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1427



<211> 7  
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<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1427  
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<210> 1428  
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<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1428  
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<210> 1429  
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<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1429  
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<210> 1430  
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<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1430  
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<210> 1431  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1431  
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1 5

<210> 1432  
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<223> Description of Artificial Sequence: example ZFP

<400> 1432  
Arg Ser Ala His Leu Ala Arg  
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<210> 1433  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1433  
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<210> 1434  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1434  
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<210> 1435  
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<223> Description of Artificial Sequence: example ZFP

<400> 1435

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1436  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1436  
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<210> 1437  
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<223> Description of Artificial Sequence: example ZFP

<400> 1437  
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<210> 1438  
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<223> Description of Artificial Sequence: example ZFP

<400> 1438  
Arg Ser Asp Asn Leu Ala Arg  
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<210> 1439  
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<223> Description of Artificial Sequence: example ZFP

<400> 1439  
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<210> 1440  
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<223> Description of Artificial Sequence: example ZFP

<400> 1440  
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<210> 1441  
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<223> Description of Artificial Sequence: example ZFP

<400> 1441  
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<210> 1442  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1442  
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1 5

<210> 1443  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1443  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 1444  
<211> 7  
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<223> Description of Artificial Sequence: example ZFP

<400> 1444

Gln Ser Gly His Leu Gln Arg

1 5

<210> 1445

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1445

Arg Ser Asp Ala Leu Ala Arg

1 5

<210> 1446

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1446

Arg Ser Asp Ala Leu Ser Arg

1 5

<210> 1447

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1558  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1559  
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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser Asn Leu Thr Arg  
1 5

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<210> 1562  
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<210> 1564  
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<223> Description of Artificial Sequence: example ZFP

<400> 1564  
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<210> 1565  
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<223> Description of Artificial Sequence: example ZFP

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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1567  
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1 5

<210> 1568  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1568

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1 5

<210> 1569

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1569

Asp Arg Ser Asp Leu Thr Arg

1 5

<210> 1570

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1570

Gln Ser Gly Asp Leu Thr Arg

1 5

<210> 1571

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1571

Gln Ser Gly Ser Leu Thr Arg

1 5

<210> 1572

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<210> 1573  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1581

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<210> 1582  
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<210> 1583  
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<220>  
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<210> 1584  
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<210> 1585  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1586  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1587  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

<400> 1589  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<400> 1592  
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<210> 1593  
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<400> 1593  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

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1 5

<210> 1597  
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<210> 1598  
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<212> PRT  
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<210> 1599  
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<210> 1600  
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<220>  
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<210> 1601  
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<223> Description of Artificial Sequence: example ZFP

<400> 1601  
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<210> 1602  
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<220>

<223> Description of Artificial Sequence: example ZFP  
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Gln Ser Gly Ser Leu Thr Arg  
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<210> 1603  
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<223> Description of Artificial Sequence: example ZFP

<400> 1603  
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<210> 1604  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1604  
Gln Ser Ser Asp Leu Ser Arg  
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<210> 1605  
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10

<210> 1606  
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DNA

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ttggctgggc 10

<210> 1607

<211> 10

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DNA

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gtggctgcag 10

<210> 1608

<211> 10

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<223> Description of Artificial Sequence: example target  
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<400> 1608

gtggctgcag 10

<210> 1609

<211> 10

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<400> 1609

ttggctgggc 10

<210> 1610

<211> 10

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ttggctgggc 10

<210> 1611

<211> 10  
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gaggaggatg

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<210> 1612  
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9

<210> 1613  
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9

<210> 1614  
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<210> 1615  
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DNA

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9

<210> 1616  
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9

<210> 1617  
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DNA

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acggatgtct

10

<210> 1618  
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10

<210> 1619  
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<210> 1625  
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DNA

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taggaggctg 10

<210> 1626  
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taggcataaa 10

<210> 1627  
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taggcataaa 10

<210> 1628

<211> 10  
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10

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<223> Description of Artificial Sequence: example target  
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taggcataaa

10

<210> 1630  
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10

<210> 1631  
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<223> Description of Artificial Sequence: example target  
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10

<210> 1632  
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<210> 1633  
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<210> 1634  
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<210> 1635  
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<210> 1636  
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10

<210> 1637  
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10

<210> 1638  
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tgagcggcgg

10

<210> 1639  
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DNA

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tgagcggcgg

10

<210> 1640  
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DNA

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10

<210> 1641  
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 gcagcggagc 10  
  
 <210> 1643  
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         DNA  
  
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<211> 10  
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DNA

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ggggtggggc

10

<210> 1646  
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<223> Description of Artificial Sequence: example target  
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10

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<223> Description of Artificial Sequence: example target  
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9

<210> 1648  
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<223> Description of Artificial Sequence: example target  
DNA

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9

<210> 1649  
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DNA

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9

<210> 1650  
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<220>  
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DNA

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9

<210> 1651  
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DNA

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ggtgaggagt

10

<210> 1652  
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DNA

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ggtgaggagt

10

<210> 1653  
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DNA

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ggcatggtgg 10

<210> 1659  
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DNA

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gaagaggatg 10

<210> 1660  
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DNA

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<210> 1661  
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DNA

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ggcatggtgg 10

<210> 1662

<211> 10  
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DNA

<400> 1662  
gcttgagtta

10

<210> 1663  
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DNA

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10

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DNA

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10

<210> 1666  
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<210> 1671  
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<210> 1672  
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<210> 1673  
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<210> 1674  
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ggaggggagt 10

<210> 1675

<211> 10

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aaggtggcag

10

<210> 1676

<211> 10

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
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aaggctgaga

10

<210> 1677

<211> 10

<212> DNA

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<223> Description of Artificial Sequence: example target  
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<400> 1677

acggggttat

10

<210> 1678

<211> 10

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<223> Description of Artificial Sequence: example target  
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<400> 1678

acggggttat

10

<210> 1679  
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<210> 1680  
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<210> 1681  
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ctggaagcat 10

<210> 1682  
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<210> 1683  
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<223> Description of Artificial Sequence: example target  
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<210> 1684  
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<210> 1685  
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<210> 1686  
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DNA

<400> 1686  
ggtgaggagt 10

<210> 1687  
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<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 1687  
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<210> 1688  
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<223> Description of Artificial Sequence: example target  
DNA

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<210> 1689  
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<223> Description of Artificial Sequence: example target  
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<210> 1690  
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<210> 1691  
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<210> 1696	
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: example target  
DNA

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ttgggagcgg

10

<210> 1701

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1701  
ttgggagcgg

10

<210> 1702

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1702  
agggaggatg

10

<210> 1703

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1703  
gagggagcga

10

<210> 1704

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1704  
gagggagcga

10

<210> 1705  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1705  
gcgtgggcgt

10

<210> 1706  
<211> 10  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1706  
gcgtgggcgt

10

<210> 1707  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1707  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1708  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1708  
Gly Ser Trp His Leu Thr Arg

1

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<210> 1709

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1709

Gln Ser Gly Asp Leu Thr Arg

1

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<210> 1710

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1710

Gln Ser Gly Thr Leu Thr Arg

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<210> 1711

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1711

Arg Ser Asp His Leu Ala Arg

1

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<210> 1712

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1712

Arg Ser Asp His Leu Ala Arg

1

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<210> 1713  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1713  
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<210> 1714  
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<223> Description of Artificial Sequence: example ZFP

<400> 1714  
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1 5

<210> 1715  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1716  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1716  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1717  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1717

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1718

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1718

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1719

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1719

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1720

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1720

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1721

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1721

Arg Ser Ser His Leu Thr Arg  
1 5

<210> 1722

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1722

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1723

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1723

Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 1724

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1724

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 1725

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1725

Gln Ser Gly Asn Leu Ser Arg

1

5

<210> 1726

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1726

Gln Ser Ser Asp Leu Gln Arg

1

5

<210> 1727

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1727

Thr Thr Ser Asp Leu Thr Arg

1

5

<210> 1728

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1728

Gln Ser Gly Asn Leu Arg Thr

1

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<210> 1729

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1729

Gln Ser Gly Asn Leu Arg Thr

1

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<210> 1730  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1731  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1732  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1732  
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1 5

<210> 1733  
<211> 7  
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<223> Description of Artificial Sequence: example ZFP

<400> 1733  
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1 5

<210> 1734  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1734  
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<210> 1735  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1735  
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1 5

<210> 1736  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1736  
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1 5

<210> 1737  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1738  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1738  
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1 5

<210> 1739  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1740  
<211> 7  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1741  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1742  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1742  
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1 5

<210> 1743  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1743  
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<210> 1744  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1745  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1745  
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1 5

<210> 1746  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1746  
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1 5

<210> 1747  
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<212> PRT  
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 <210> 1751  
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<223> Description of Artificial Sequence: example ZFP

<400> 1751  
Gln Ser Gly Asn Leu Ala Arg  
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<210> 1752  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1752  
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<210> 1753  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1753  
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<210> 1754  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1754  
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1 5

<210> 1755  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1755

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 1756

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1756

Arg Ala Asp Thr Leu Arg Arg  
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<210> 1757

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1757

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1758

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1758

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1759

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1759

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1760  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1760  
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1 5

<210> 1761  
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<223> Description of Artificial Sequence: example ZFP

<400> 1761  
Thr Thr Ser Asn Leu Ala Arg  
1 5

<210> 1762  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1762  
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1 5

<210> 1763  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1763  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1764  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1764

Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 1765

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1765

Gln Ser Ser Asn Leu Ala Arg  
1 5

<210> 1766

<211> 7

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1766

Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 1767

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1767

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1768

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP



<400> 1768  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1769  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1769  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 1770  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1770  
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1 5

<210> 1771  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1771  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1772  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1772  
Arg Ser Asp His Leu Ala Arg

1

5

<210> 1773  
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<400> 1773  
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1 5

<210> 1774  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1774  
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1 5

<210> 1775  
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<223> Description of Artificial Sequence: example ZFP

<400> 1775  
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1 5

<210> 1776  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1776  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1777

<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1777  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1778  
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<223> Description of Artificial Sequence: example ZFP

<400> 1778  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1779  
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<223> Description of Artificial Sequence: example ZFP

<400> 1779  
Gln Arg Gly Ala Leu Ala Ser  
1 5

<210> 1780  
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<400> 1780  
Gln Arg Gly Ala Leu Ala Ser  
1 5

<210> 1781  
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<223> Description of Artificial Sequence: example ZFP

<400> 1781  
Gln Arg Ser Ala Leu Ala Ser  
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<210> 1782  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1783  
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<223> Description of Artificial Sequence: example ZFP

<400> 1783  
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1 5

<210> 1784  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1785  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1786  
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<223> Description of Artificial Sequence: example ZFP  
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<210> 1787  
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<223> Description of Artificial Sequence: example ZFP  
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<223> Description of Artificial Sequence: example ZFP  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1794  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Ser Leu Thr Arg  
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<210> 1799

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Ser Leu Thr Arg  
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<210> 1800

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<223> Description of Artificial Sequence: example ZFP

<400> 1800

Arg Ser Ser Asn Leu Arg Glu  
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<210> 1801

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1801

Arg Ser Asp Glu Leu Thr Arg  
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<210> 1802

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1802



Arg Ser Asp Thr Leu Lys Lys  
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<210> 1803

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1803

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<210> 1804

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1804

Gln Ser Asp Asn Leu Ala Arg  
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<210> 1805

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1805

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<210> 1806

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1806

Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1807  
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<210> 1808  
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<210> 1809  
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1 5

<210> 1812  
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<400> 1812  
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1 5

<210> 1813  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1813  
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1 5

<210> 1814  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1814  
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1 5

<210> 1815  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1816  
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<223> Description of Artificial Sequence: example ZFP

<400> 1816  
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1 5

<210> 1817  
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<223> Description of Artificial Sequence: example ZFP

<400> 1817  
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1 5

<210> 1818  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1819  
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<223> Description of Artificial Sequence: example ZFP

<400> 1819  
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1 5

<210> 1820  
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<210> 1821  
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<210> 1822  
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<210> 1823  
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<210> 1824

<211> 7  
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<400> 1824  
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<210> 1825  
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<223> Description of Artificial Sequence: example ZFP

<400> 1825  
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1 5

<210> 1826  
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<223> Description of Artificial Sequence: example ZFP

<400> 1826  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1827  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1828  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
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Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1829  
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Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1830  
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<223> Description of Artificial Sequence: example ZFP  
  
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Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1831  
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Gln Ser Ser Thr Leu Arg Arg  
1 5

<210> 1832  
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Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1833  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Thr Leu Arg Arg  
1 5

<210> 1834  
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<223> Description of Artificial Sequence: example ZFP

<400> 1834  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 1835  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1835  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 1836  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1836  
Arg Ser Asp Asn Leu Thr Arg  
1 5



<210> 1837  
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<223> Description of Artificial Sequence: example ZFP

<400> 1837  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1838  
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<223> Description of Artificial Sequence: example ZFP

<400> 1838  
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1 5

<210> 1839  
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<223> Description of Artificial Sequence: example ZFP

<400> 1839  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1840  
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<223> Description of Artificial Sequence: example ZFP

<400> 1840  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1841  
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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1842

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1842

Arg Ser Asp Glu Leu Ser Arg  
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<210> 1843

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1843

Arg Ser Asp Glu Leu Ser Arg  
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<210> 1844

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1844

Arg Ser Asp Asp Leu Gln Arg  
1 5

<210> 1845

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1845  
Arg Ser Asp Asp Leu Gln Arg  
1 5

<210> 1846  
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<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

<400> 1846  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1847  
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<223> Description of Artificial Sequence: example ZFP

<400> 1847  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1848  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 1849  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1850  
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 <210> 1851  
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 <210> 1852  
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   1                  5  
  
 <210> 1853  
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<211> 7  
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 <400> 1854  
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   1                  5  
  
  
 <210> 1855  
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 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
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   1                  5  
  
  
 <210> 1856  
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   1                  5  
  
  
 <210> 1857  
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 <210> 1858  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1858  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1859  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1859  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1860  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1860  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1861  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1862  
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<223> Description of Artificial Sequence: example ZFP

<400> 1862  
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1 5

<210> 1863  
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<400> 1863  
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1 5

<210> 1864  
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<223> Description of Artificial Sequence: example ZFP

<400> 1864  
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1 5

<210> 1865  
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<223> Description of Artificial Sequence: example ZFP

<400> 1865  
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1 5

<210> 1866  
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<223> Description of Artificial Sequence: example ZFP

<400> 1866  
Gln Ser Gly His Leu Gln Lys  
1 5

<210> 1867  
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<223> Description of Artificial Sequence: example ZFP  
  
<400> 1867  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1868  
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<223> Description of Artificial Sequence: example ZFP  
  
<400> 1868  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1869  
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1 5

<210> 1870  
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<400> 1870  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1871  
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<223> Description of Artificial Sequence: example ZFP

<400> 1871

Asp Arg Ser Ala Leu Ala Arg

1

5

<210> 1872

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1872

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1873

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1873

Gln Ser Ser His Leu Ala Arg

1

5

<210> 1874

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1874

Gln Ser Ser His Leu Ala Arg

1

5

<210> 1875

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1875

Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1876

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1876

Arg Ser Asp Ala Leu Ser Arg  
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<210> 1877

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1877

Arg Ser Asp Ala Leu Ser Arg  
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<210> 1878

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1878

Arg Ser Asp His Leu Ser Arg  
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<210> 1879

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1879

Arg Ser Asp Ala Leu Ala Arg

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5

<210> 1880

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1880

Gln Ser Ser Asp Leu Gln Arg

1

5

<210> 1881

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1881

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1882

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1882

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1883

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1883

Arg Ser Asp His Leu Ser Arg

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<223> Description of Artificial Sequence: example ZFP

<400> 1884  
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<210> 1885  
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<400> 1885  
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1 5

<210> 1886  
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<223> Description of Artificial Sequence: example ZFP

<400> 1886  
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1 5

<210> 1887  
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<400> 1887  
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1 5

<210> 1888  
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<400> 1888  
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1 5

<210> 1889  
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<400> 1889  
Gln Ser Ala His Leu Ala Arg  
1 5

<210> 1890  
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<400> 1890  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1891  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1922

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1929

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<223> Description of Artificial Sequence: example ZFP

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<220>  
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<210> 1940  
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<220>  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1945  
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<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

<400> 1945  
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<210> 1946  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1947  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg  
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<210> 1953

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ala Arg  
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<210> 1954

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<210> 1955

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ala Arg  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ala Arg

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<210> 1957

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Met Ser Asp His Leu Ser Arg

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<210> 1958

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<223> Description of Artificial Sequence: example ZFP

<400> 1958

Met Ser His His Leu Ser Arg

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<210> 1959

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Thr Thr

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<210> 1960

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1960

Arg Ser Asp His Leu Thr Thr

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<223> Description of Artificial Sequence: example ZFP

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<220>  
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<400> 1965  
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<223> Description of Artificial Sequence: example ZFP

<400> 1966  
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<220>  
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<223> Description of Artificial Sequence: example ZFP

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<400> 1971  
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<220>  
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<400> 1972  
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<220>  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

<400> 1981  
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<210> 1982  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1982  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1984  
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<223> Description of Artificial Sequence: example ZFP

<400> 1984  
Arg Ser Asp Thr Leu Thr Gln  
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<210> 1985  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 1986  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1990

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<223> Description of Artificial Sequence: example ZFP

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Arg Gly Asp Ala Leu Thr Ser  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1991  
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<210> 1992  
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<210> 1993  
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<210> 1994  
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<210> 1995  
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<223> Description of Artificial Sequence: example ZFP

<400> 1995

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<223> Description of Artificial Sequence: example ZFP

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Arg Gly Asp Ala Leu Thr Ser  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg  
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<210> 1999

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<223> Description of Artificial Sequence: example ZFP

<400> 1999  
Arg Ser Asp Thr Leu Lys Lys  
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<210> 2000  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2000  
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<210> 2001  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2001  
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<210> 2002  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2002  
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<210> 2003  
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<210> 2004

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2004

Arg Ser Asp His Leu Thr Arg

1

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<210> 2005

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2005

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1

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<210> 2006

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<223> Description of Artificial Sequence: example ZFP

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<210> 2007

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Gly Asp Ala Leu Arg Ser

1

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9

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9

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9

<210> 2042



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9

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9

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9

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9

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9

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9

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DNA

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9

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9

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DNA

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<210> 2051  
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<220>  
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gaggcggca 9

<210> 2052  
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<220>  
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<400> 2052  
gcggcggtg 9

<210> 2053  
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<220>  
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gcggcggcc 9

<210> 2054  
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DNA

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gaggaggcc 9

<210> 2055  
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<220>  
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DNA

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gaggaggcc 9

<210> 2056  
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<220>  
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gaggccgca 9

<210> 2058  
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<220>  
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DNA

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gtgggccc 9

<210> 2059

<211> 9  
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<220>  
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DNA

<400> 2059  
gtgggcgcc

9

<210> 2060  
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<220>  
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DNA

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gtgggcgcc

9

<210> 2061  
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<220>  
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DNA

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gccgcggtc

9

<210> 2062  
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<220>  
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DNA

<400> 2062  
gccgcggtc

9

<210> 2063  
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	ctggcagtg	9
<210>	2067	
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DNA

<400> 2067  
ctggcggcg

9

<210> 2068  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2068  
ctggcggcg

9

<210> 2069  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2069  
caggcggcg

9

<210> 2070  
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DNA

<400> 2070  
ccgggctgg

9

<210> 2071  
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DNA

<400> 2071

ccgggctgg

9

<210> 2072

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
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gacggcgag

9

<210> 2073

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
DNA

<400> 2073

gacggcgag

9

<210> 2074

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
DNA

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ggtgctgat

9

<210> 2075

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
DNA

<400> 2075

ggtgctgat

9

<210> 2076



<211> 9  
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DNA

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ggtgctgat

9

<210> 2077  
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DNA

<400> 2077  
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9

<210> 2078  
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DNA

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aaggtgggc

9

<210> 2079  
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DNA

<400> 2079  
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9

<210> 2080  
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DNA

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ggggctggg

9

<210> 2081  
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DNA

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9

<210> 2082  
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DNA

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ggggaggaa

9

<210> 2083  
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DNA

<400> 2083  
cagttggtc

9

<210> 2084  
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<220>  
<223> Description of Artificial Sequence: example target

DNA

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agagaggct

9

<210> 2085  
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<220>  
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DNA

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acgtagtag

9

<210> 2086  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2086  
agagaggct

9

<210> 2087  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2087  
cagttggtc

9

<210> 2088  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2088

ggagctgac

9

<210> 2089

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
DNA

<400> 2089

gcggaggag

9

<210> 2090

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2090

acgtagtag

9

<210> 2091

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

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acgtagtag

9

<210> 2092

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: example target  
DNA

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gtaggggcg

9

<210> 2093  
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<220>  
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DNA

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gagagagat

9

<210> 2094  
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DNA

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9

<210> 2095  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

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9

<210> 2096  
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<220>  
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DNA

<400> 2096  
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9

<210> 2097  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2097

ttggtggcg

9

<210> 2098

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2098

gacgtaggg

9

<210> 2099

<211> 9

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2099

gagagagat

9

<210> 2100

<211> 9

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<223> Description of Artificial Sequence: example target  
DNA

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gacgtaggg

9

<210> 2101

<211> 9

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<220>

<223> Description of Artificial Sequence: example target

DNA

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9

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DNA

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9

<210> 2103  
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DNA

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9

<210> 2104  
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DNA

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gtagtagaa

9

<210> 2105  
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<220>  
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DNA

<400> 2105

agggaggag

9

<210> 2106

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2106

acgtagtag

9

<210> 2107

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2107

gaggagtg

9

<210> 2108

<211> 9

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2108

ggggaggaa

9

<210> 2109

<211> 9

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<223> Description of Artificial Sequence: example target  
DNA

<400> 2109

gaggagtg

9



<210> 2110  
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<220>  
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DNA

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gtggcttgt

9

<210> 2111  
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<220>  
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DNA

<400> 2111  
gcggcggtg

9

<210> 2112  
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<220>  
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DNA

<400> 2112  
ggtgctgat

9

<210> 2113  
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<220>  
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DNA

<400> 2113  
gtgttcgtg

9

<210> 2114  
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<400> 2114

gtgttcgtg

9

<210> 2115

<211> 9

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DNA

<400> 2115

gtgttcgtg

9

<210> 2116

<211> 9

<212> DNA

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<400> 2116

gtaggggca

9

<210> 2117

<211> 9

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DNA

<400> 2117

gtaggggca

9

<210> 2118

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DNA

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ggggctggg

9

<210> 2119  
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<220>  
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DNA

<400> 2119  
ggggctggg

9

<210> 2120  
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DNA

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